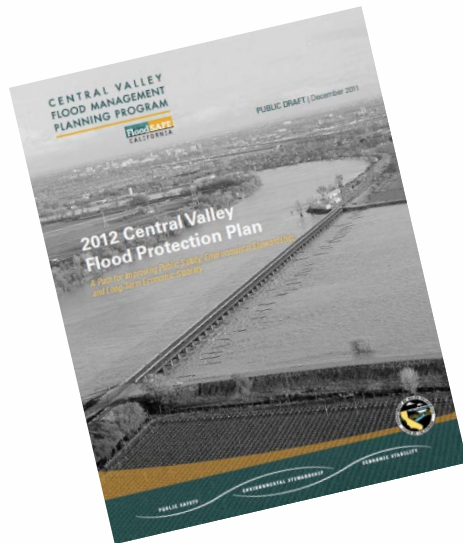


Public Draft 2012 Central Valley Flood Protection Plan



Legislative Staff Briefing

January 13, 2012

California Department of Water Resources

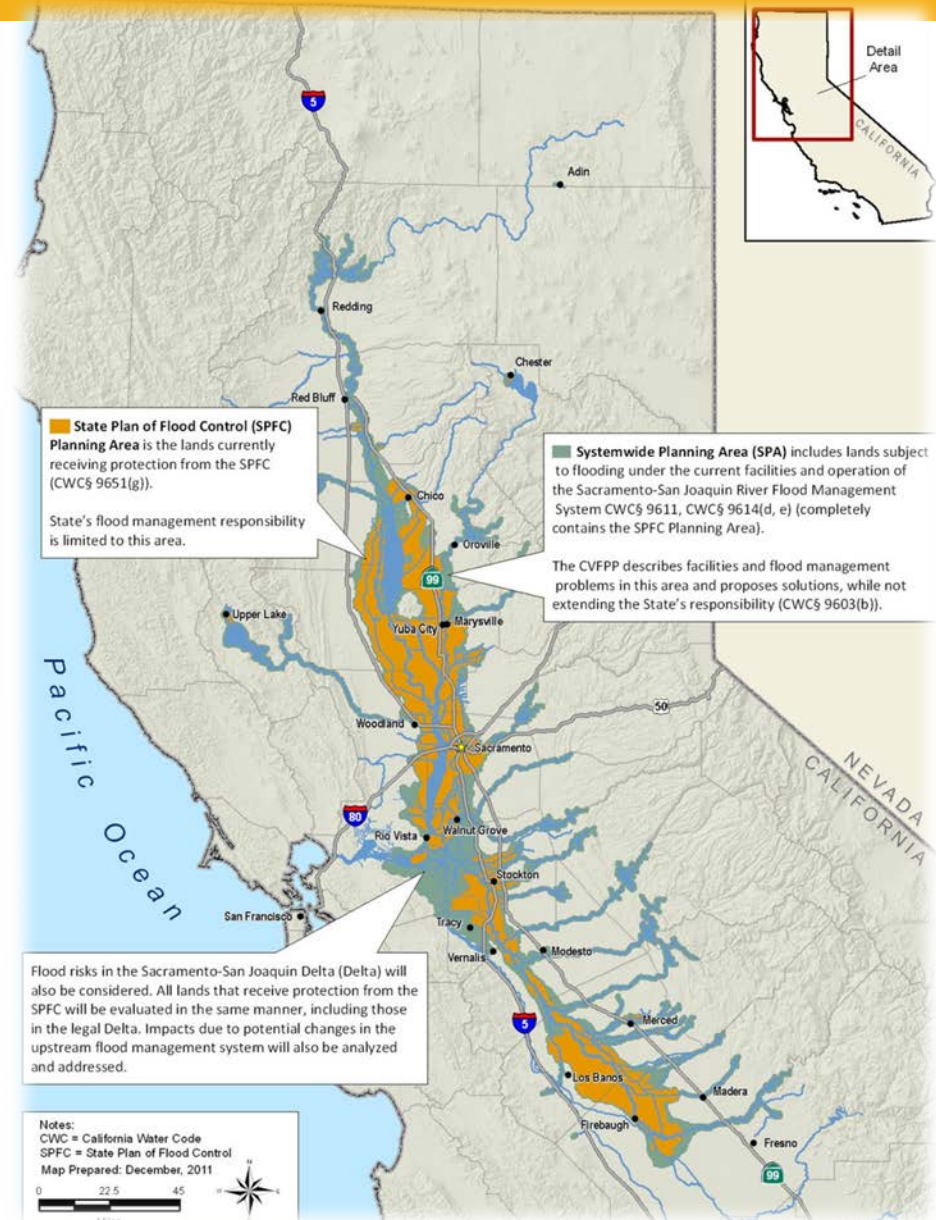
PUBLIC SAFETY

ENVIRONMENTAL STEWARDSHIP

ECONOMIC STABILITY

Geographic Scope

- Focuses on lands protected by facilities of the State Plan of Flood Control of Flood Control
- Addresses major flood management reservoirs and local facilities that effect the operation of the SPFC
- Coordinates with other major flood management efforts and related resources



Level of Detail

*High-Level
Vision*



Reconnaissance

Feasibility

Project-Specific

*On-the-
Ground
Projects*

- The 2012 CVFPP is a descriptive document
- It is supported by data and analyses conducted at a reconnaissance level
- Follow-on feasibility studies, environmental reviews, and designs will be needed to implement on-the-ground projects consistent with the 2012 CVFPP

Systemwide Perspective

- Considers the Central Valley flood system as a whole
- Focuses on State Plan of Flood Control
- Recognizes State's fundamental interests
 - Public safety
 - Environmental stewardship
 - Economic stability



Reservoir Storage Operations

Protection for Rural-Agricultural Areas and Small Communities



Ecosystem Functions within Flood System

Conveyance of Flood Flows



Management of Floodplains



Protection for Urban Areas

State Systemwide Investment Approach

- Incorporates aspects of each of the preliminary approaches
- Physical elements
 - **Regional Improvements**
 - Urban
 - Small Community
 - Rural-Agricultural
 - **System Improvements**
- Ecosystem restoration opportunities integrated
- Policies, guidance, and implementation strategies



Environmental Stewardship Integration

- Ecosystem restoration and enhancement opportunities are integrated with SSIA elements
- Conservation Framework
 - Describes floodway ecosystem conditions and trends
 - Focuses on promoting ecosystem functions and multi-benefit projects in the context of integrated flood management
 - Previews the long-term Central Valley Flood System Conservation Strategy



SSIA Benefits Highlights

- 67% overall reduction in expected annual flood damages
- Construction to increase economic output by \$900 million and generate over 6,500 jobs annually
- Avoided business losses to increase long-term economic output by over \$100 million
- 49% reduction in life risk
- 10,000 acres of new habitat and 25,000 acres of habitat-compatible crops
- Sustainable rural-agricultural lifestyle
- Resiliency and adaptability to future changes

